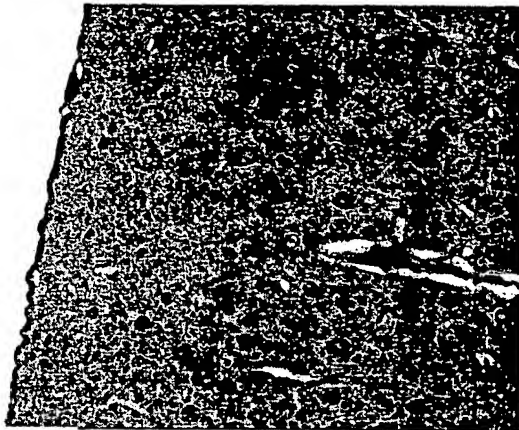


A

	mous strain	dead/total
Passage 0	RAG/STAT-/-	5/6
Passage 1	RAG/STAT-/-	15/15
Passage 2	IFN $\alpha\beta\gamma$ R-/-	15/15
	IFN $\alpha\beta\gamma$ R-/- (filtered)	9/13
	129	0/4

B



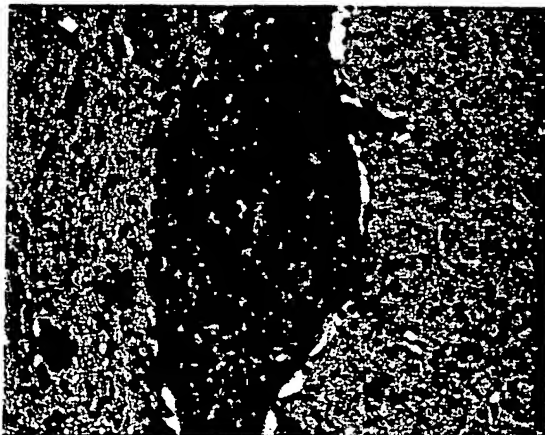
mock

C



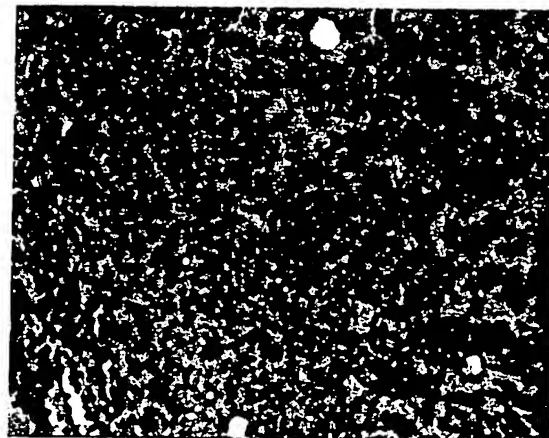
MNV-1

D



MNV-1

E

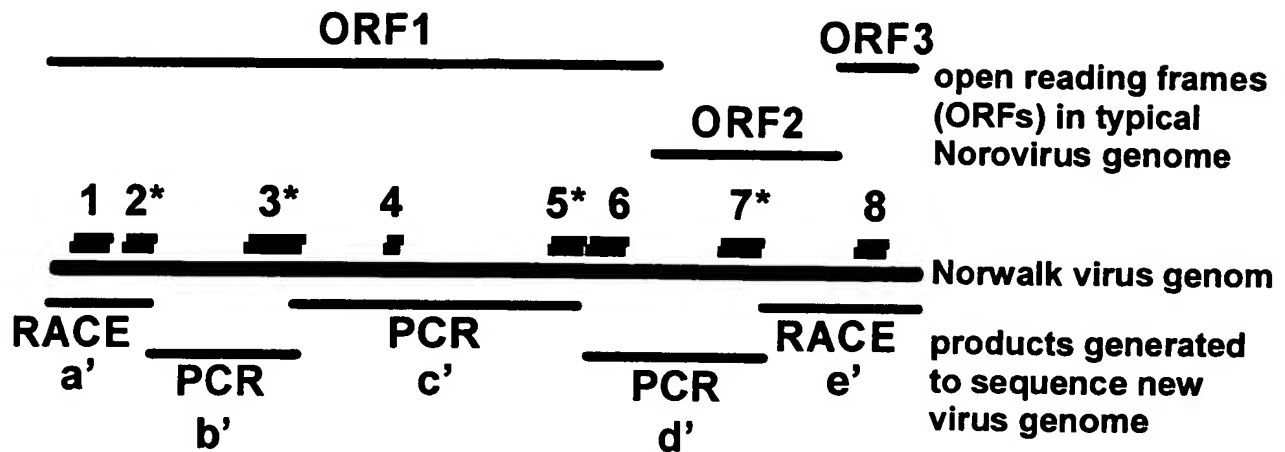


MNV-1

Figure 1

Discovery and sequencing of n w virus genome

A Norwalk virus genome (7654 bp) as a framework



B MNV-1 genome (7726 bp)

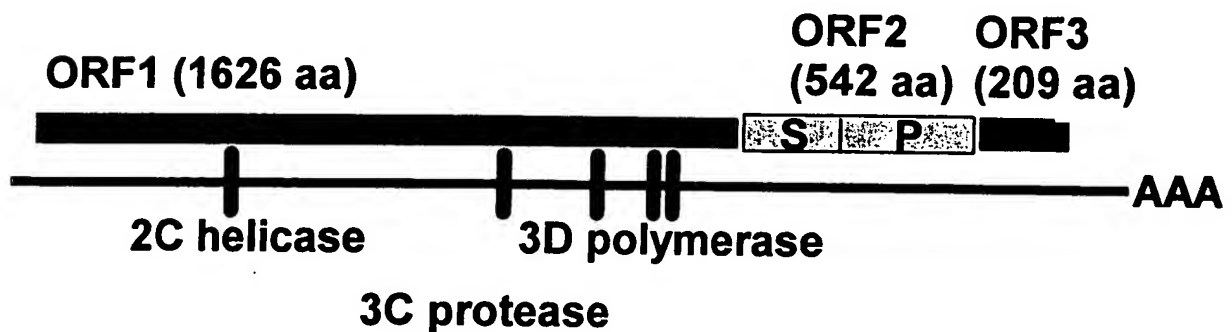


Figure 2

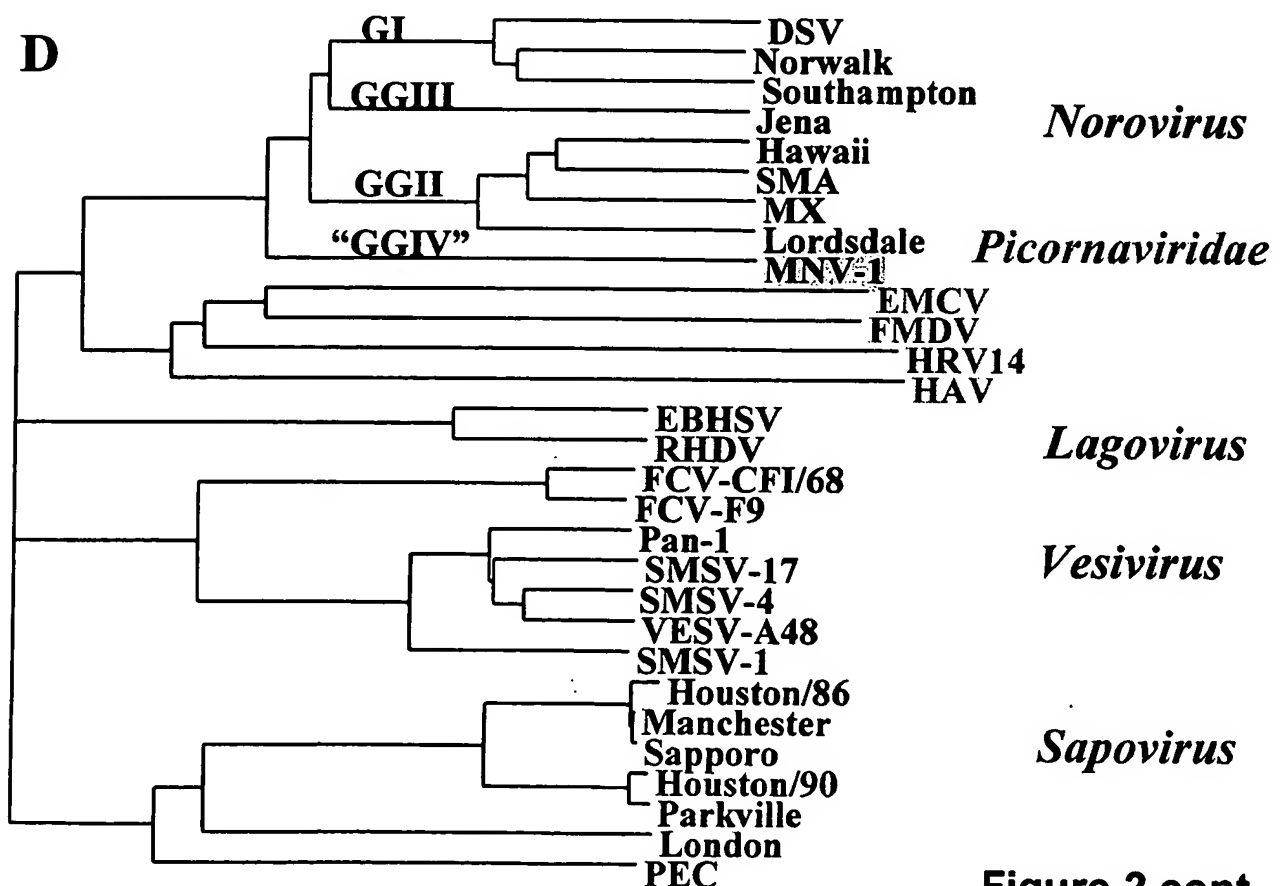
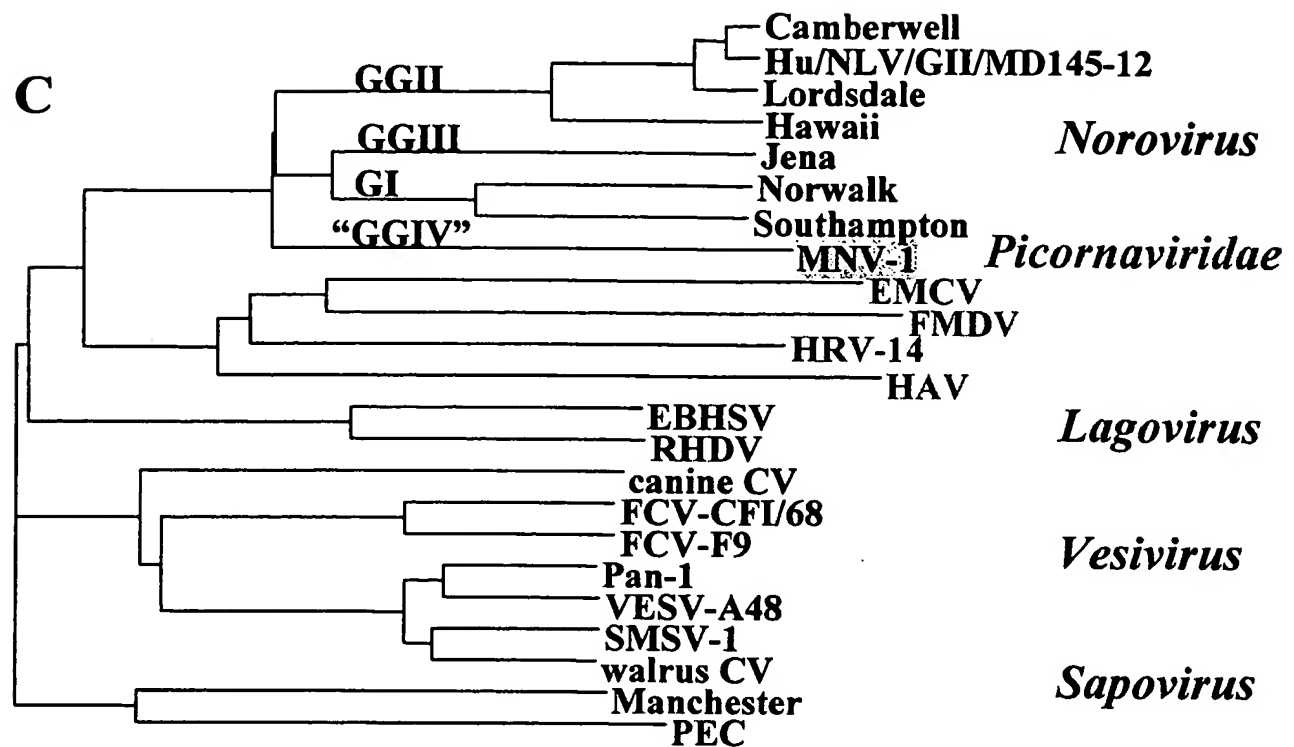
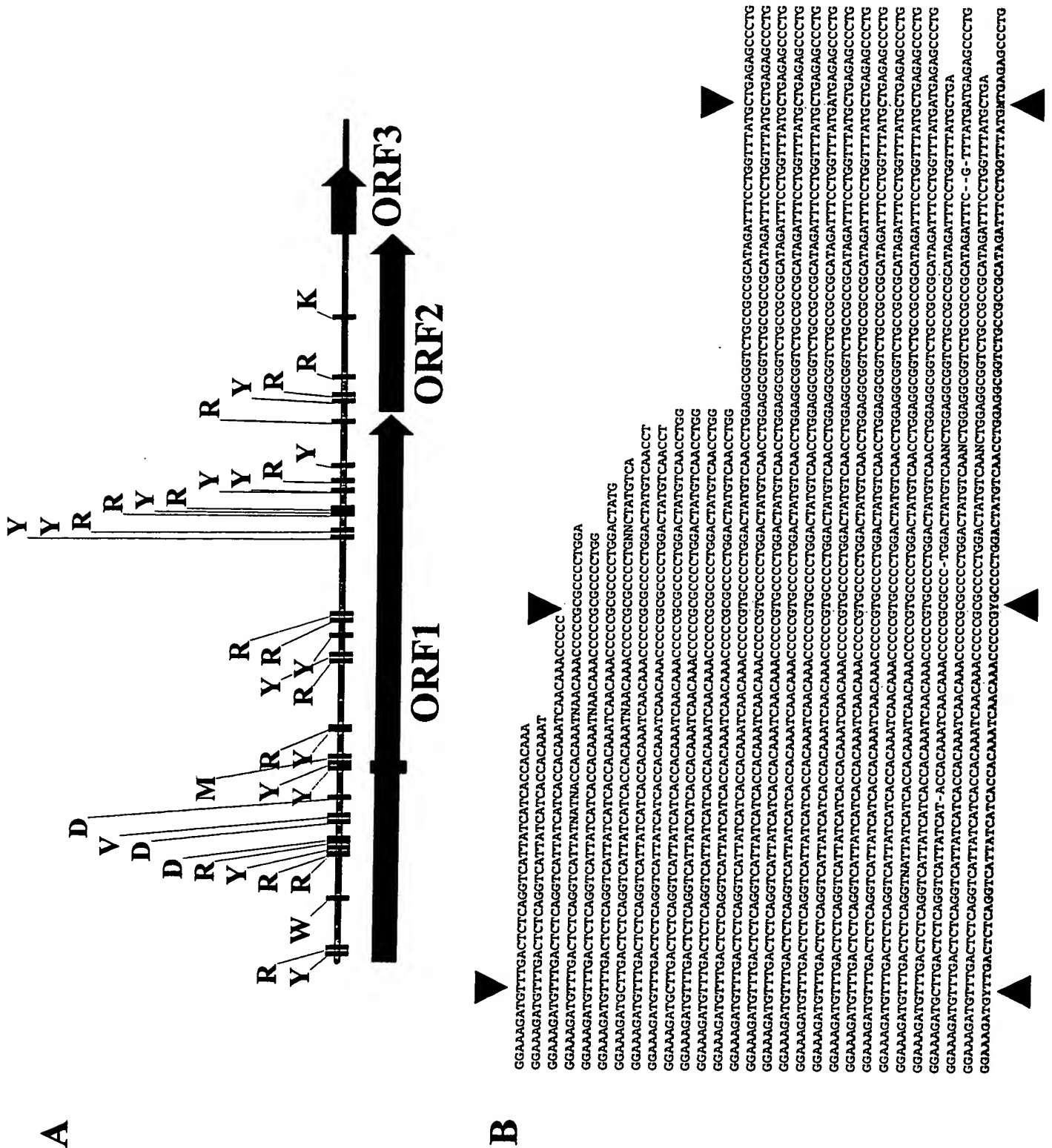


Figure 2 cont.



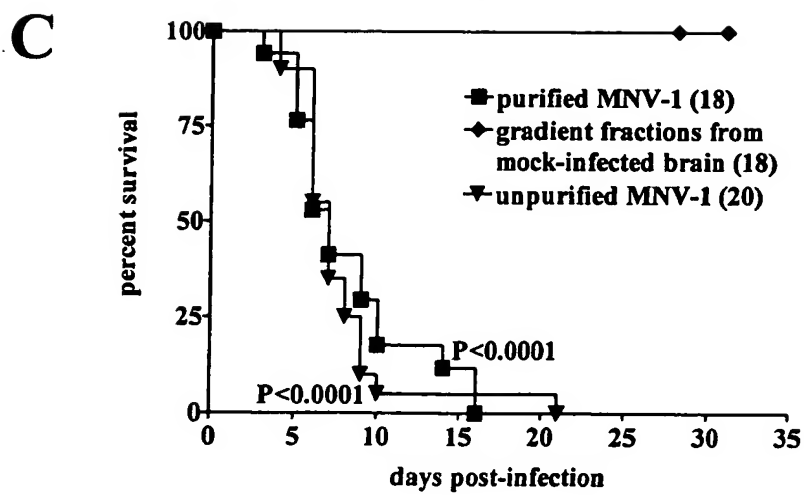
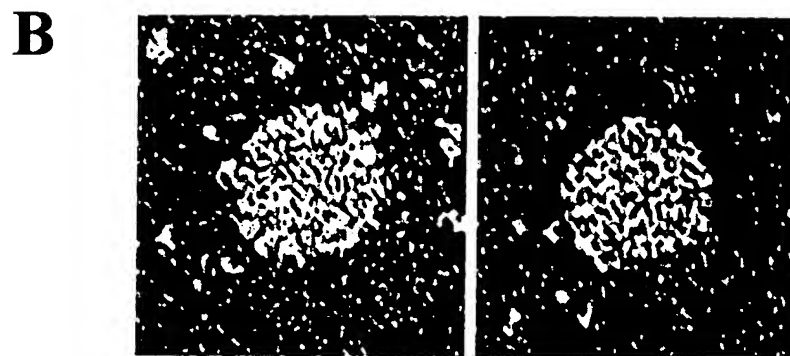
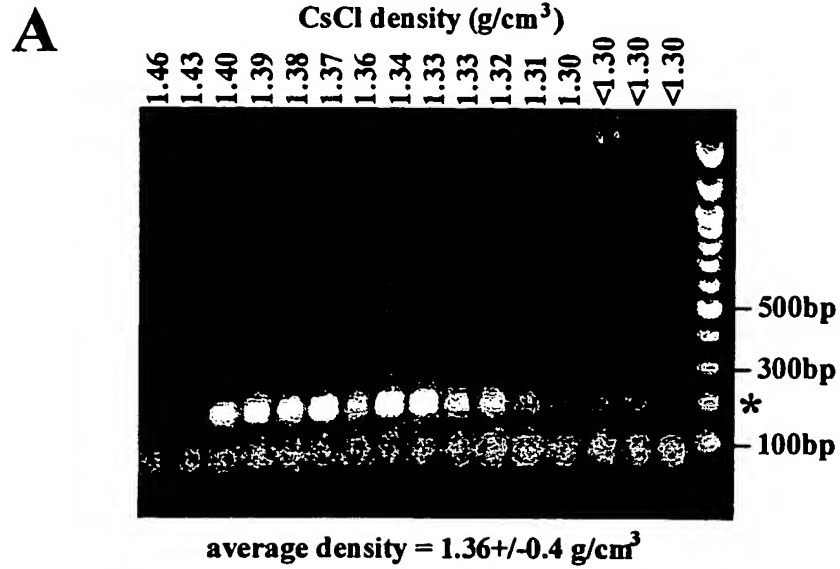
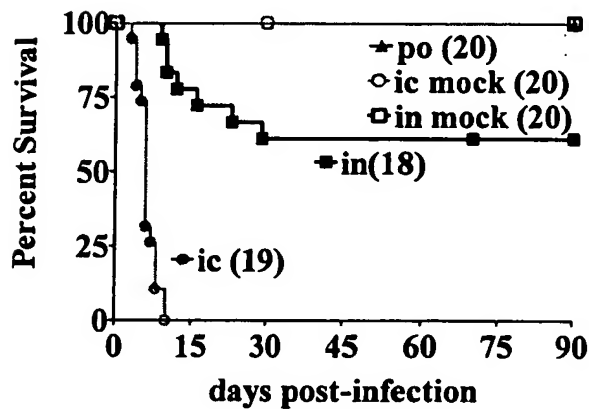


Figure 4

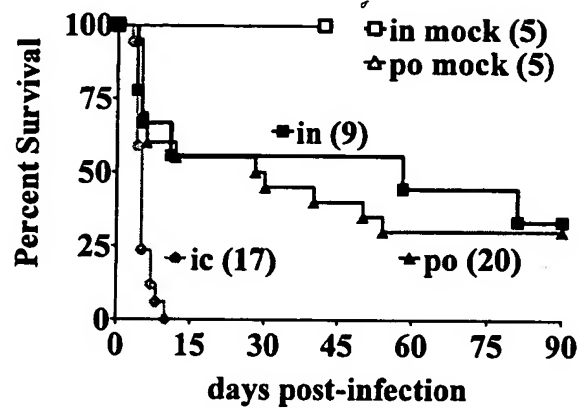
A

Mouse strains demonstrating no mortality after challenge with MNV-1			
Mouse strain	Inoculation route, and number of mice inoculated		
	ic (30dpi)	in (90 dpi)	po (90 dpi)
129	20	10	20
B6	20	not done	not done
RAG-/-	20	not done	not done
IFN $\alpha\beta$ R-/-	19	10	10
IFN γ R-/-	19	10	not done
iNOS-/-	20	not done	20
PKR-/-	19	not done	20

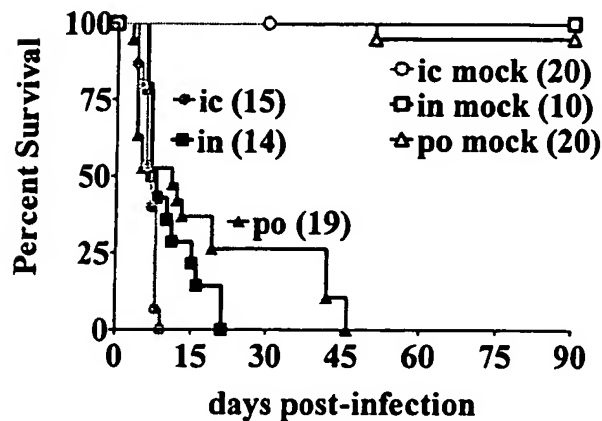
B: IFN $\alpha\beta$ R-/-



C: STAT1-/-



D: RAG/STAT-/-



E: STAT/PKR-/-

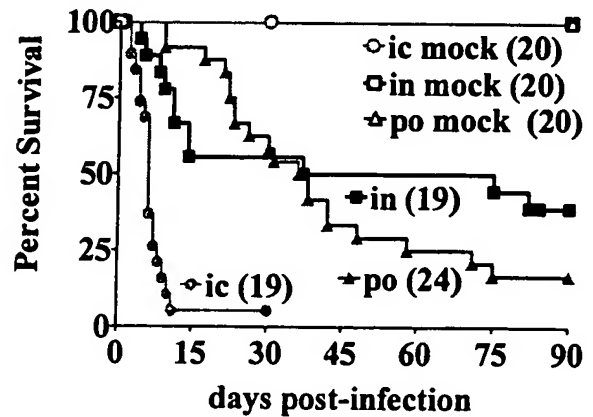
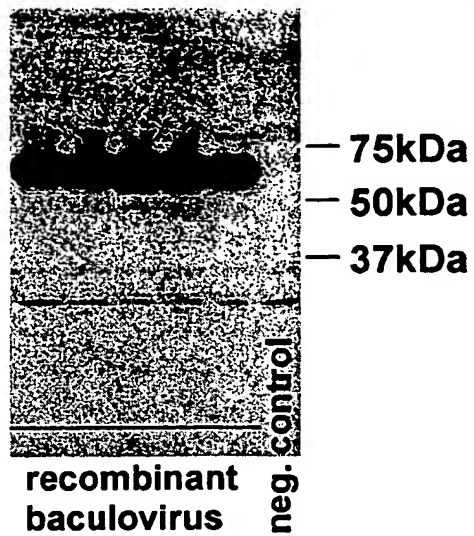
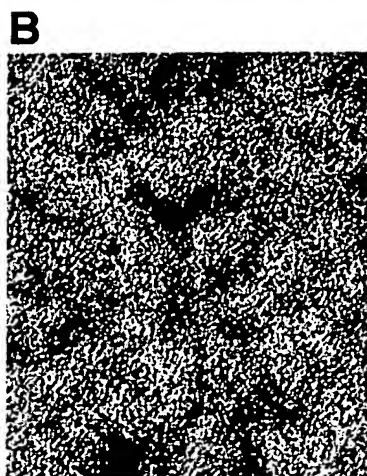


Figure 5

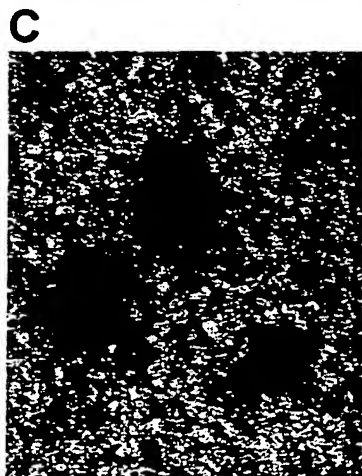
A Western blot analysis of capsid protein expression



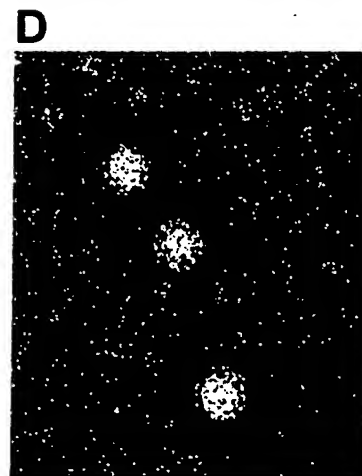
negative stain EM of MNV-1 VLPs



**Baculovirus LacZ
(negative control)**



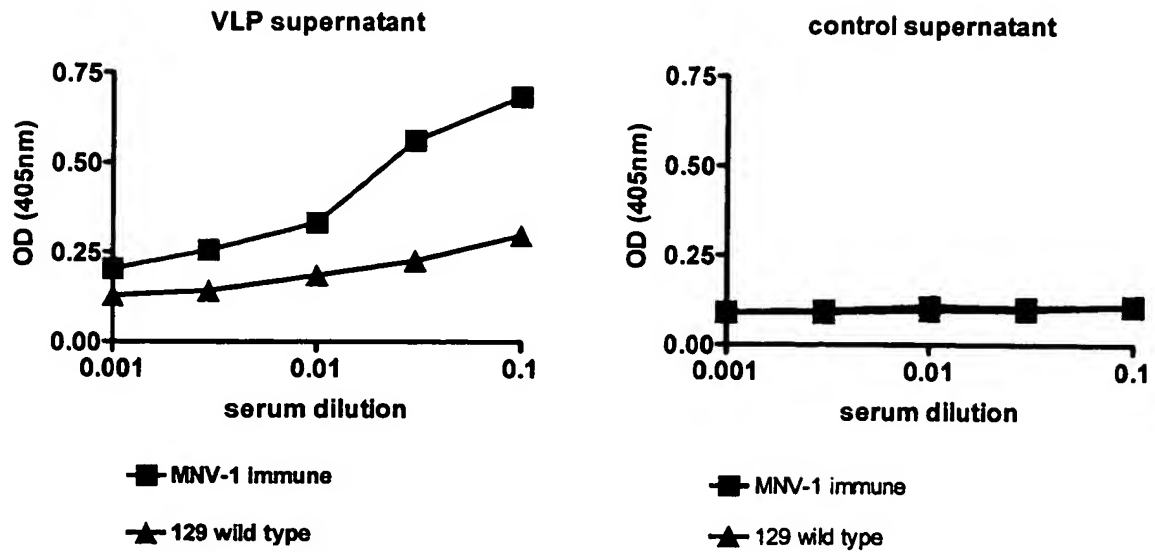
**VLPs in infected cell
supernatants**



purified VLPs

Figur 6

A



B

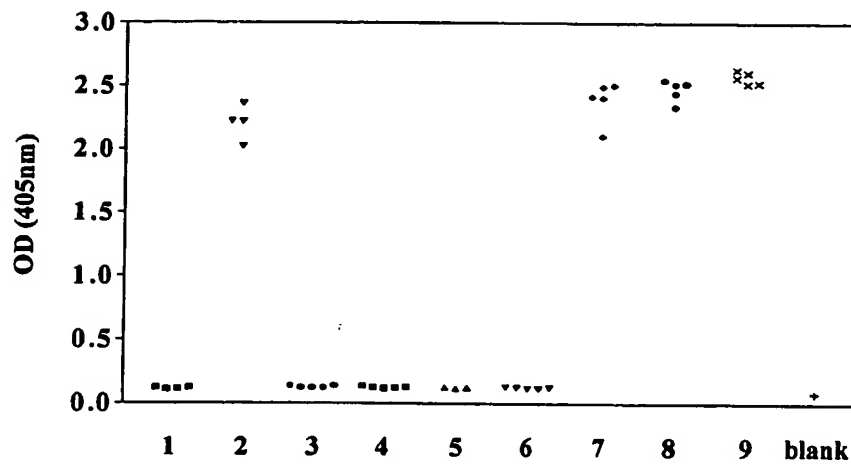


Figure 7

Tissue MCV1 RNA levels after infection via different routes

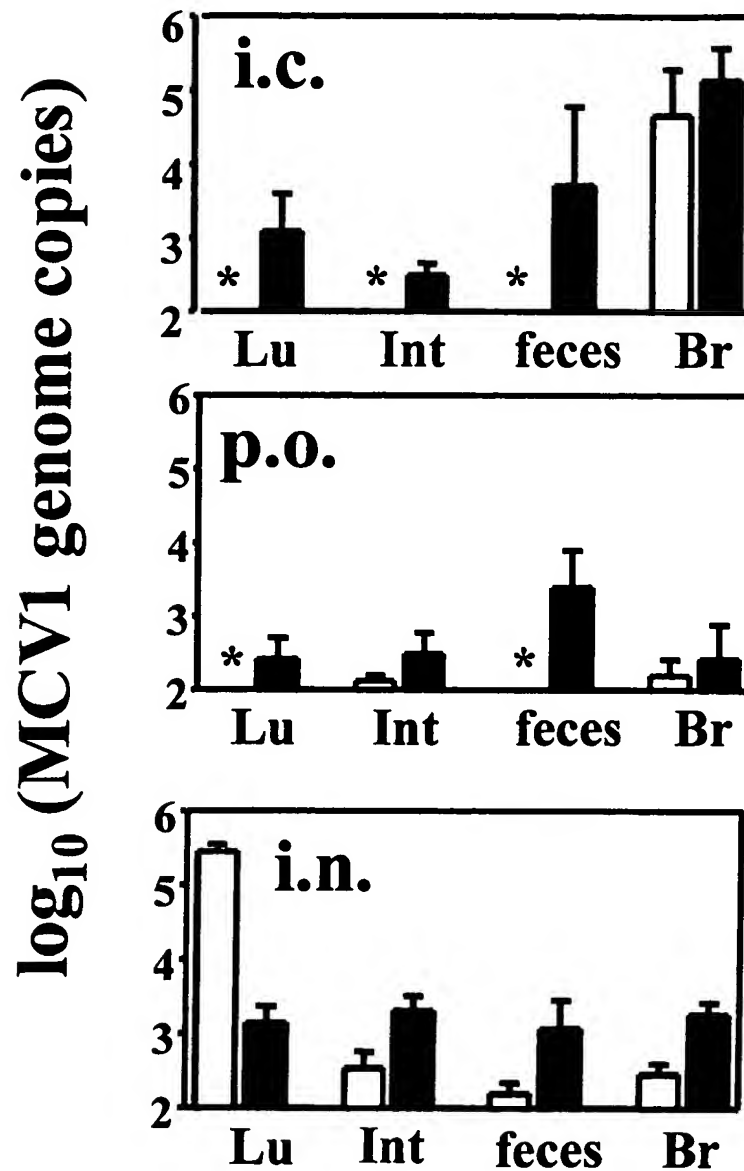


Figure 8

**Spleen sections of STAT1-/- 3dpi after p.o.
inoculation with MNV-1**

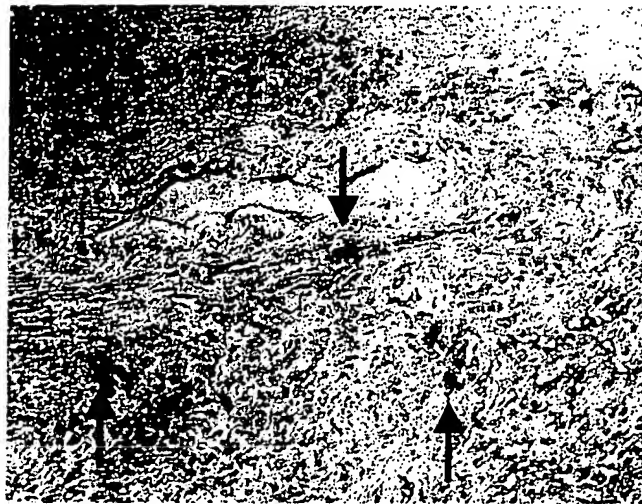


Figure 9

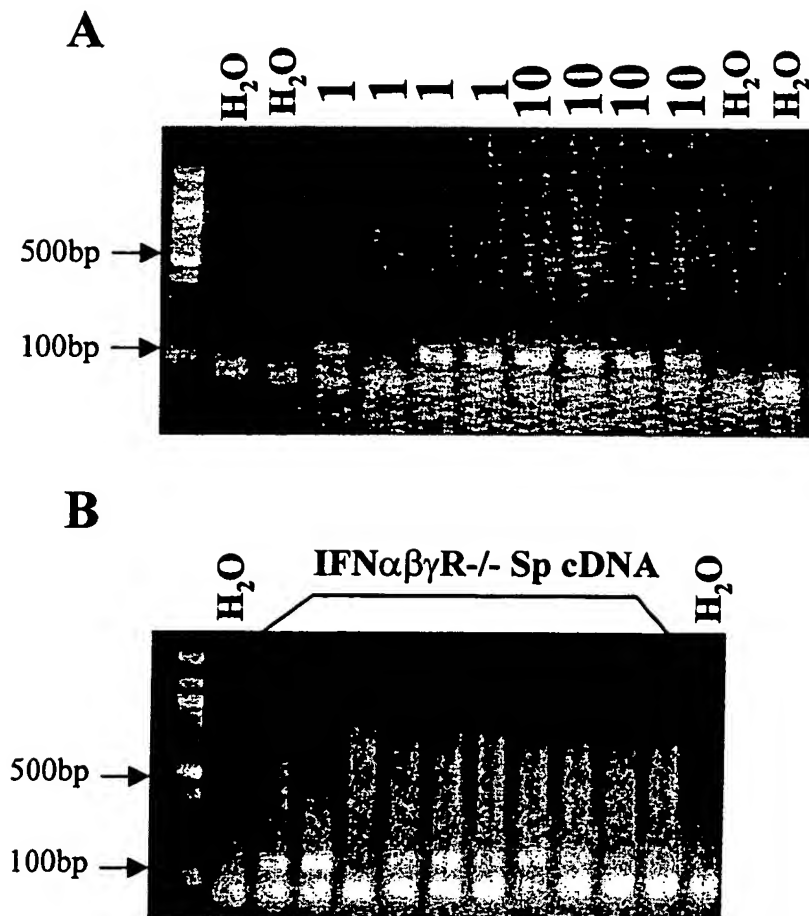


Figure 10